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protos

MMA1 Web3D/VRML 2001

(2)

zijn er nog vragen?

inhoud

- VRML concepts
- nodes for assignment 2
- small examples

nodes for assignment 2

Sensors

(TouchSensor, PlaneSensor, CylinderSensor, SphereSensor),

DEF/USE,

PROTO

timers, interpolators, sensors and scripts

dissection

- interpolator

dissection analog case

dissection discrete case

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protos

prototype

dissection prototype

...

routing

```
DEF TOUCH TouchSensor { }
DEF TIME TimeSensor { enabled FALSE loop TRUE }
DEF SCRIPT Script {
...
}
ROUTE TOUCH.touchTime TO SCRIPT.touched
ROUTE SCRIPT.enabled TO TIME.enabled
ROUTE TIME.fraction_changed TO SCRIPT.set_fraction
ROUTE SCRIPT.value_changed TO MATERIAL.diffuseColor
```

instances

```
Bulb { translation -8 0 0 scale 0.5 0.5 0.5 }
Bulb { translation -5 0 0 }
Bulb { scale 1.5 1.5 1.5 }
Bulb { translation 5 0 0 }
Bulb { translation 8 0 0 scale 0.5 0.5 0.5 }
```